CLAIMS

1. A device for receiving satellite signals, associated to a parabolic dish suitable for reflecting to a corresponding focus a first signal at a first frequency and a second signal at a second frequency, comprising:

   - a first feed arranged near said focus suitable for transducing said first signal and transmitting it to a first receiver;

   - a second feed arranged near said focus suitable for transducing said second signal and transmitting it to a second receiver;

   - wherein said first frequency is dedicated to TV channels and said second frequency is at a band different from said first frequency and is dedicated to internet transmissions.

2. Device, according to claim 1, wherein said first feed is of double reflection type, comprising a reflecting plate that directs signals already reflected from said parabolic dish towards a tubular wave guide co-axial to the parabolic dish.

3. Device, according to claim 1, wherein said second feed comprises a dipole.

4. Device, according to claim 3, wherein said second feed is of double reflection type, comprising a reflecting plate that directs signals already reflected from said parabolic dish towards said dipole.

5. Device, according to claim 1, wherein said first feed and said second feed constitute an integrated feed with common reflecting plate.

6. Device, according to claim 3, wherein said dipole comprises two diverging terminals aligned along a line orthogonal to the axis of the parabolic dish and external to said tubular wave guide.

7. Device, according to claim 5, wherein said integrated feed provides a body made of material permeable to electromagnetic waves and that keeps physically together said reflecting plate, said dipole and said tubular wave guide.

8. Device, according to claim 7, wherein said body of permeable material to electromagnetic waves comprises a central hole which houses said tubular wave guide, and a slit oriented according to a plane parallel to the axis of a central hole which houses said dipole.

9. Device, according to claim 3, wherein said dipole comprises two dipoles spaced at 90° with respect to each other.

10. Device, according to claim 3, wherein, in case a TV signal is sought that comes from a satellite with orbital position distant from the satellite from which comes a signal for Internet transreceiving, a third feed is provided arranged with axis oblique with respect to the axis of the parabolic dish.

11. Device, according to claim 10, wherein said third feed is driven for being oriented along a guide for receiving the signal pointing towards the orbital position of the sought satellite.

12. A method for receiving satellite signals comprising the steps of:

- prearranging a parabolic dish suitable for reflecting to a corresponding focus a first signal at a first frequency and a second signal at a second frequency,
- prearranging near said focus a first feed suitable for transducing said first signal and transmitting it to a first receiver;
- prearranging near said focus a second feed suitable for transducing said second signal and transmitting it

to a second receiver,

- wherein said first frequency is dedicated to TV channels and said second frequency is at a band different from said first frequency and is dedicated to internet transmissions

- said first and second feed being executed according to any of the previous claims.